

herewith to fully respond to the September 29, 1999 Office Communication. Please amend the application as follows:

**In the Specification**

Please delete pages 92-175 containing the Sequence Listing, insert therefor substitute pages 92-183 filed on even date herewith which represent the substitute Sequence Listing, and renumber the pages of the claims and Abstract accordingly. Also, please further amend the specification as follows:

- At page 3, line 18, please replace "Sequence No. 1" with --SEQ ID NO:1--;
- At page 3, line 19, please replace "Sequence No. 2" with --SEQ ID NO:2--;
- At page 3, line 19, please replace "Sequence No. 4" with --SEQ ID NO:4--;
- At page 3, line 19, please replace "Sequence No. 25" with --SEQ ID NO:25--;
- At page 3, line 23, please replace "Sequence No. 26" with --SEQ ID NO:26--;
- At page 3, line 23, please replace "Sequence No. 50" with --SEQ ID NO:50--;
- At page 6, line 7, please replace "Sequence No. 1" with --SEQ ID NO:1--;
- At page 6, line 7, please replace "Sequence No. 2" with --SEQ ID NO:2--;
- At page 6, line 8, please replace "Sequence No. 4" with --SEQ ID NO:4--;
- At page 6, line 8, please replace "Sequence No. 25" with --SEQ ID NO:25--;
- At page 8, line 9, please replace "Sequence No. 26" with --SEQ ID NO:26--;
- At page 8, line 10, please replace "Sequence No. 50" with --SEQ ID NO:50--;
- At page 8, line 11, please replace "Sequence No. 51" with --SEQ ID NO:51--;
- At page 8, line 11, please replace "Sequence No. 75" with --SEQ ID NO:75--;
- At page 8, line 19-20, Table 1, please replace "Sequence Number" with --SEQ ID NO:--;
- At page 9, line 28, please replace "Sequence No. 51" with --SEQ ID NO:51--;
- At page 9, line 29, please replace "Sequence No. 75" with --SEQ ID NO:75--;
- At page 10, line 5, please replace "Sequence No. 51" with --SEQ ID NO:51--;
- At page 10, line 5, please replace "Sequence No. 75" with --SEQ ID NO:75--;
- At page 10, line 13, please replace "Sequence No. 1" with --SEQ ID NO:1--;

At page 10, line 13, please replace "Sequence No. 2" with --SEQ ID NO:2--;  
At page 10, line 14, please replace "Sequence No. 4" with --SEQ ID NO:4--;  
At page 10, line 14, please replace "Sequence No. 25" with --SEQ ID NO:25--;  
At page 10, line 17, please replace "Sequence No. 26" with --SEQ ID NO:26--;  
At page 10, line 18, please replace "No. 50" with --SEQ ID NO:50--;  
At page 10, line 18-19, please replace "Sequence No. 51" with --SEQ ID NO:51--;  
At page 10, line 19, please replace "No. 75" with --SEQ ID NO:75--;  
At page 15, line 14, before "in" insert --SEQ ID NO:91--;  
At page 18, line 18, after "L1" insert --SEQ ID NO:78--;  
At page 18, line 19, after "L2" insert --SEQ ID NO:79--;  
At page 18, line 20, after "EcoRV" insert --(SEQ ID NO:76)--;  
At page 10, line 4, after "fusion protein" insert --(SEQ ID NO:77)--;  
At page 23, line 5, please replace "Sequence Number 1, 26, 51" with --SEQ ID  
NOS:1, 26, 51--;  
At page 23, line 23, after "(HP)" insert --SEQ ID NO:1--;  
At page 23, line 25, after "(PL)" insert --SEQ ID NO:80--;  
At page 27, line 7, please replace "Sequence Number 2, 27, 52" with --SEQ ID  
NOS:2, 27, 52--;  
At page 26, line 1, after "(HP)" insert --SEQ ID NO:2--;  
At page 26, line 2, after "(RN)" insert --SEQ ID NO:81--;  
At page 28, line 8, please replace "Sequence Number 3, 28, 53" with --SEQ ID  
NOS:3, 28, 53--;  
At page 29, line 15, please replace "Sequence Number 4, 29, 54" with --SEQ ID  
NOS:4, 29, 54--;  
At page 30, line 17, after "(HP)" insert --SEQ ID NO:4--;  
At page 30, line 17, after "(WC)" insert --SEQ ID NO:82--;  
At page 32, line 14, please replace "Sequence Number 5, 30, 55" with --SEQ ID  
NOS:5, 30, 55--;  
At page 33, line 3, after "(HP)" insert --SEQ ID NO:5--;  
At page 33, line 4, after "(MM)" insert --SEQ ID NO:83--;

At page 35, line 11, please replace "Sequence Number 6, 31, 56" with --SEQ ID NOS:6, 31, 56--;

At page 36, line 14, please replace "Sequence Number 7, 32, 57" with --SEQ ID NOS:7, 32, 57--;

At page 37, line 3, after "(HP)" insert --SEQ ID NO:7--;

At page 37, line 4, after "(L6)" insert --SEQ ID NO:84--;

At page 38, line 17, please replace "Sequence Number 8, 33, 58" with --SEQ ID NOS:8, 33, 58--;

At page 39, line 10, please replace "Sequence Number 9, 34, 59" with --SEQ ID NOS:9, 34, 59--;

At page 40, line 3, please replace "Sequence Number 10, 35, 60" with --SEQ ID NOS:10, 35, 60--;

At page 41, line 1, after "(HP)" insert --SEQ ID NO:10--;

At page 41, line 2, after "(SC)" insert --SEQ ID NO:85--;

At page 42, line 5, please replace "Sequence Number 11, 36, 61" with --SEQ ID NOS:11, 36, 61--;

At page 43, line 3, after "(HP)" insert --SEQ ID NO:11--;

At page 43, line 4, after "(CD)" insert --SEQ ID NO:86--;

At page 44, line 18, please replace "Sequence Number 12, 37, 62" with --SEQ ID NOS:12, 37, 62--;

At page 45, line 11, please replace "Sequence Number 13, 38, 63" with --SEQ ID NOS:13, 38, 63--;

At page 46, line 2, after "(HP)" insert --SEQ ID NO:13--;

At page 46, line 3, after "(SC)" insert --SEQ ID NO:87--;

At page 47, line 14, please replace "Sequence Number 14, 39, 64" with --SEQ ID NOS:14, 39, 64--;

At page 48, line 13, please replace "Sequence Number 15, 40, 65" with --SEQ ID NOS:15, 40, 65--;

At page 48, line 26, after "10179" insert --SEQ ID NO:15--;

At page 48, line 27, after "10175" insert --SEQ ID NO:14--;

At page 49, line 22, please replace "Sequence Number 16, 41, 66" with --SEQ ID NOS:16, 41, 66--;

At page 50, line 25, please replace "Sequence Number 17, 42, 67" with --SEQ ID NOS:17, 42, 67--;

At page 51, line 14, after "(HP)" insert --SEQ ID NO:17--;

At page 51, line 15, after "(NP)" insert --SEQ ID NO:88--;

At page 53, line 7, please replace "Sequence Number 18, 43, 68" with --SEQ ID NOS:18, 43, 68--;

At page 54, line 2, please replace "Sequence Number 19, 44, 69" with --SEQ ID NOS:19, 44, 69--;

At page 55, line 1, after "(HP)" insert --SEQ ID NO:19--;

At page 55, line 2, after "(SC)" insert --SEQ ID NO:89--;

At page 56, line 1, please replace "Sequence Number 20, 45, 70" with --SEQ ID NOS:20, 45, 70--;

At page 56, line 23, please replace "Sequence Number 21, 46, 71" with --SEQ ID NOS:21, 46, 71--;

At page 57, line 16, please replace "Sequence Number 22, 47, 72" with --SEQ ID NOS:22, 47, 72--;

At page 58, line 11, please replace "Sequence Number 23, 48, 73" with --SEQ ID NOS:23, 48, 73--;

At page 59, line 13, please replace "Sequence Number 24, 49, 74" with --SEQ ID NOS:24, 49, 74--;

At page 60, line 6, please replace "Sequence Number 25, 50, 75" with --SEQ ID NOS:25, 50, 75--;

At page 61, line 5, after "(HP)" insert --SEQ ID NO:25--; and

At page 61, line 6, after "(DM)" insert --SEQ ID NO:90--.